

DT20 Rec'd PCT/PTO 0 2 JUN 2003

Please type a plus sign inside this box →



PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application Number	09/841,953
		Filing Date	April 25, 2001
		First Named Inventor	Norihiko Nakajima
		Group Art Unit	1731
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	1	Attorney Docket Number	9619/OL147US0

**ENCLOSURES (check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below) Australian Patent Office Search Report; and 11 documents; PTO/SB/08A
Remarks		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual Name	DARBY & DARBY P.C. Louis J. DelJuidice - 47,522
Signature	<i>Marie Gilfillan</i> MARIE GILFILLAN 44085
Date	June 2, 2003

E349692557-US

Express Mail Label No.	Dated: 6/2/03
------------------------	---------------

EXPRESS MAIL CERTIFICATE

Date 6/2/03 Label No. 5349692557-45

I hereby certify that, on the date indicated above, this paper or fee was deposited with the U.S. Postal Service & that it was addressed for delivery to the Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 by "Express Mail Post Office to Addressee" service.

J. Rojas [Signature]  
Name (Print) Signature

PLEASE CHARGE ANY DEFICIENCY UP TO \$300.00 OR  
CREDIT ANY EXCESS IN THE FEES DUE WITH THIS  
DOCUMENT TO OUR DEPOSIT ACCOUNT NO. 04-0100

RECEIVED

JUN 09 2003

TC 1700

Customer No.:



07278

PATENT TRADEMARK OFFICE

Docket No.: 9619/OL147

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Norihiko Nakajima; Noboru Kurata; Yoshihumi Ajishi; Miki Shido

Serial No.: 09/841,953

Confirmation No.: 6208

Filed: 4/25/01

For: A METHOD FOR CLEANING A GLASS SUBSTRATE FOR A MAGNETIC  
RECORDING MEDIUM, A GLASS SUBSTRATE CLEANED BY SUCH A  
METHOD AND A MAGNETIC RECORDING MEDIUM USING SUCH A  
SUBSTRATE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

In order to comply with 37 CFR 1.97 and 1.98, attached hereto is a  
copy of Form PTO/SB/08A and copies of the documents listed thereon.

In accordance with MPEP Sections 609 and 707.05(b), it is requested that each document cited (including any cited in applicant's specification which is not repeated on the attached Form PTO/SB/08A) be given thorough consideration and that it be cited of record in the prosecution history of the present application by initialing Form PTO/SB/08A next to the document. Such initialing is requested even if the Examiner does not consider a cited document to be sufficiently pertinent to use in a rejection, or otherwise does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with. This is requested so that each document becomes listed on the face of the patent issuing on the present application.

The undersigned is also enclosing herewith a copy of a Search Report issued December 3, 2002 for the Australian counterpart of the present patent application (Application No. SG 200102365-4), in which the presently disclosed documents were cited. Since a translation of the Search Report is also enclosed, or the Search Report utilizes conventional codes to characterize each cited reference, it is believed that the applicants in the above-identified patent application have now met the "concise explanation" requirement of 37 C.F.R. 1.98.

This submission is filed before a first action on the merits has been mailed.

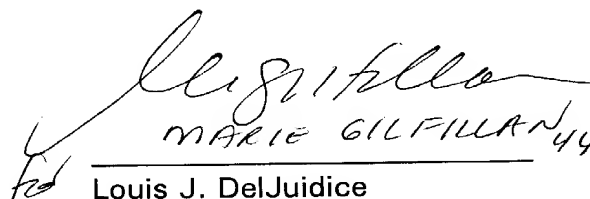
The present Information Disclosure Statement is being submitted in compliance with 37 CFR 1.56, but the citation of such document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner, in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104(a) and in the course of each search, will review for relevance every document cited on the attached form even if not initialed.

It is believed that no fee is due. However, if the Commissioner determines that a fee is due, the Commissioner is hereby authorized to charge Deposit Account No. 04-0100 for any deficiency.

Early and favorable consideration is earnestly solicited.

Respectfully submitted,

Dated: June 2, 2003

  
MARIE GILFILLAN 44085  
Louis J. DelJuidice  
Registration No. 47,522  
Attorney for Applicant(s)

DARBY & DARBY  
Post Office Box 5257  
New York, NY 10150-5257  
(212) 527-7700

Serial No. 09/841,953

Docket No. 9619/OL147

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			Application Number	09/841,953	
			Filing Date	April 25, 2001	
			First Named Inventor	Norihiko Nakajima	
			Art Unit	1731	
			Examiner Name	Not Yet Assigned	
Sheet	1	of	1	Attorney Docket Number	9619/OL147US0

RECEIVED  
JUN 19 2003  
TC 1700

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	1	5,635,053-B1	06-03-1997	Aoki et al.	
	2	5,762,779-B1	06-09-1998	Shiramizu et al.	
	3	5,783,790-B1	07-21-1998	Mitsumori et al.	
	4	5,985,811-B1	11-16-1999	Masayuki et al.	
	5	6,003,527-B1	12-21-1999	Netsu et al.	
	6	6,007,696-B1	12-28-1999	Takayasu et al.	
	7	6,048,466-B1	04-11-2000	Morizane et al.	
	8	6,461,445-B1	10-08-2002	Hirayama et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
	9	DE-199 38 786-A1	06-21-2000	Morizane et al.	
	10	WO-00/22654-	04-20-2000	Tamer, et al.	
	11	WO-99/52654-	10-21-1999	Bergman et al.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

## AUSTRALIAN PATENT OFFICE

## SEARCH REPORT

Application No.

SG 200102365-4

## A. CLASSIFICATION OF SUBJECT MATTER

According to International Patent Classification (IPC)

Int. Cl. <sup>7</sup> G11B 5/84, B08B 3/04, C03C 15/02

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the search (name of data base and, where practicable, search terms used)

USPTO (134/-, electrolyzed water, ionic water, ionized water, anodic water, magnetic, substrate, glass, ozone)

DWPI (G11B 5/84, B08B 3/04, electrolysis, clean, magnetic, ozone)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,003,527 A (NETSU et al) 21 <sup>st</sup> December 1999 the whole document	1, 5, 8
X	US 6,048,466 A (MORIZANE et al) 11 <sup>th</sup> April 2000 the whole document	1, 5, 8
X	WO 99/52654 A (SEMITOOL, INC.) 21 <sup>st</sup> October 1999 page 5, lines 3-9; page 8, line 21; page 28, lines 1-4	4, 7

☒ Further documents are listed in the continuation of Box C☒ See patent family annex

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of submission of the request to the Australian Patent Office

19 November 2002

Date of completion of the search report

26 November 2002

Date of mailing of the search report

03 DEC 2002

Name and mailing address

AUSTRALIAN PATENT OFFICE  
PO BOX 200, WODEN ACT 2606, AUSTRALIA  
E-mail address: pct@ipaustalia.gov.au  
Facsimile No. 61 2 62853929

Authorised officer

J W Thomson

AUSTRALIAN PATENT OFFICE

SEARCH REPORT

Application No.

SG 200102365-4

C (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/22654 A (SCP GLOBAL TECHNOLOGIES) 20 <sup>th</sup> April 2000 page 11, lines 25-29; page 6, lines 18-25	4, 7
X	US 5,762,779 A (SHIRAMIZU et al) 9 <sup>th</sup> June 1998 the whole document	1, 4, 5, 7, 8
X	US 5,783,790 A (MITSUMORI et al) 21 <sup>st</sup> July 1998 the whole document	1, 4, 5, 7, 8
X	US 5,985,811 A (MASAYUKI et al) 16 <sup>th</sup> November 1999 the whole document	1, 4, 5, 7, 8
X	US 5,635,053 A (AOKI et al) 3 <sup>rd</sup> June 1997 the whole document	1-3, 5-6, 8-9
X	US 6,007,696 A (TAKAYASU et al) 28 <sup>th</sup> December 1999 the whole document	1-3, 5-6, 8-9
X, P	US 6,461,445 B (HIRAYAMA et al) 8 <sup>th</sup> October 2002 the whole document	1-9
X, P	DE 199 38 786 A (MIURA DENSHI KK) 21 <sup>st</sup> June 2000 the whole document	1, 5, 8

## AUSTRALIAN PATENT OFFICE

## SEARCH REPORT

## PATENT FAMILY MEMBERS

Application No.

SG 200102365-4

Patent Document Cited in Search Report			Patent Family Member			
US	6003527	CN	1188326	EP	839586	JP 10128249
US	6048466	DE	19817588	JP	2000086301	
WO	9952654	EP	1100630	US	2001042555	US 6267125
		US	6273108	US	2002020436	US 2002050279
		US	2002157686	US	2002066464	US 6240933
		WO	9850947	US	2001029965	US 2001017143
		US	2001027799	JP	2000277672	EP 1212151
		WO	200107177			
WO	200022654	US	6194782	US	2001000915	
US	5762779	GB	2287718	GB	2320928	GB 2322868
		JP	7256259	US	5543030	US 5599438
US	5783790	JP	9153473			
US	5985811	JP	9194887			
US	5635053	CN	1130689	DE	19540471	GB 2294590
		JP	8126873	SG	35025	
US	6007696	JP	10099858	JP	10099859	✓ JP 10099802
		JP	10099857			
US	6461445	JP	2000203889			
DE	19938786	JP	2000233161			
						END OF ANNEX



## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. \_\_\_\_\_ in an envelope addressed to:

*6* 349692557-US

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on June 2, 2003  
Date

*J. Rojas*  
\_\_\_\_\_  
Signature

*J. Rojas*  
\_\_\_\_\_  
Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Return Postcard  
Information Disclosure Statement (3pp)  
PTO/SB/08A (1pp) with 11 documents  
Australian Search Report (3pp)  
Transmittal (1 page)